

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (currently amended) A wireless zone-based communication system ~~(200, 300)~~ comprising a plurality of zones ~~(150 to 154)~~ being served with short data capabilities by a plurality of short data routers ~~(220 to 224)~~, wherein the plurality of short data routers ~~(220 to 224)~~ are operably coupled to a plurality of zone controllers, the wireless zone-based communication system ~~(200, 300)~~ being characterised by:

at least one zone controller ~~(210)~~ of said plurality of zone controllers being operable to transmit a multicast message ~~(240)~~ to a plurality of said short data routers ~~(220 to 224)~~ such that at least one short data router ~~(220)~~ of the plurality of said short data routers ~~(220 to 224)~~ is operable to generate or update information relating to mobile communication units ~~(370 to 374)~~ that are operational in the at least one ~~or more~~ zones that the short data router ~~(220)~~ serves.

2. (currently amended) The wireless zone-based communication system ~~(200, 300)~~ according to Claim 1, wherein the plurality of said short data routers ~~(220 to 224)~~ are operable to generate or update mobility information relating to said mobile communication units ~~(370 to 374)~~.

3. (currently amended) The wireless zone-based communication system ~~(200, 300)~~ according to claim 1 ~~or claim 2~~, wherein the plurality of said short data routers ~~(220 to 224)~~ are operable to generate or update information relating to said mobile communication units that are operational in the at least one ~~or more~~ zones that the plurality of said short data routers ~~(220 to 224)~~ serve as at least one of a primary, and/or secondary (standby) and/or load sharing short data routers.

4. (currently amended) The wireless zone-based communication system ~~(200, 300)~~ according to claim 1 ~~any one of the preceding claims~~, wherein the at least one zone controller ~~(210)~~ is operable to transmit a multicast message ~~(240)~~ to a multicast group address identifying a group joined by said at least one short data router.

5. (currently amended) The wireless zone-based communication system ~~(200, 300)~~ according to claim 1 ~~any one of the preceding claims~~, wherein the at least one short data router is operable to utilise a location query mechanism to minimise inaccuracies in the multicast message.
6. (currently amended) The wireless zone-based communication system ~~(200, 300)~~ according to claim 5, wherein the location query mechanism includes said at least one short data router being operable to query directly at least one of a zone controller's home location register and ~~or~~ a visitor location register to obtain mobile unit mobility information when inaccurate mobility information has been received in the multicast message.
7. (currently amended) The wireless zone-based communication system ~~(200, 300)~~ according to claim 1 ~~any one of the preceding claims~~, wherein said multicast message comprises an Internet Protocol (IP) mobility message to maintain synchronised IP address records of mobile communication units operating in the wireless zone-based communication system ~~(200, 300)~~.
8. (currently amended) The wireless zone-based communication system ~~(200, 300)~~ according to claim 1 ~~any one of the preceding claims~~, wherein said communication system is a trunked radio system.
9. (currently amended) The wireless zone-based communication system ~~(200, 300)~~ according to claim 8, wherein said communication system is operable in accordance with TETRA standard procedures.

10. (currently amended) A method for improving redundancy provision in a wireless zone-based communication system ~~(200, 300)~~ comprising a plurality of zones being served with short data capabilities by a plurality of short data routers ~~(220 to 224)~~, the method being characterised by the steps of:

transmitting a multicast message from a zone controller to a plurality of short data routers;

receiving said multicast message at one of said plurality of short data routers; and

generating, by said short data router, at least one ~~or more~~ mobility databases for mobile units that are operational in the one or more zones served by said short data router.

11. (currently amended) The method according to claim 10, wherein the step of generating one or more mobility databases is performed by said short data router serving as at least one of a primary, and/or a secondary (standby) and/or a load sharing short data router.

12. (currently amended) The method for improving redundancy provision in a wireless zone-based communication system according to claim 10 ~~or claim 11~~, wherein the step of transmitting includes transmitting a multicast message to a multicast group address identifying a group joined by said at least one short data router.

13. (currently amended) A zone controller adapted to transmit a multicast message to a plurality of said short data routers in a communication system according to ~~any one of claims 1 to 9 or the method according to any one of claims 10 to 12.~~

14. (currently amended) A short data router adapted to receive a multicast message from a zone controller in a communication system according to ~~any one of claims 1 to 9 or a method according to any one of claims 10 to 12.~~